

CURRICULUM VITAE

Name : Benny Yong

Personal details : Male, 2nd of March 1980, Married

Office : Department of Mathematics
Faculty of Information Technology and Science
Parahyangan Catholic University
Ciumbuleuit 94
40141 Bandung, Indonesia

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Education :

- Ph.D in Applied Statistics (2017) Sultan Idris Education University, Malaysia
- M.Sc in Mathematics (2005) Bandung Institute of Technology, Indonesia
- B.Sc in Mathematics (2002) Parahyangan Catholic University, Indonesia

Current position : Lektor Kepala IV/a, Department of Mathematics, UNPAR
(as of 1st of May 2010)

Professional membership : Indonesian Mathematical Society (IndoMS)
Society for Mathematical Biology (SMB)

Research interests : Population dynamics, voters mapping, recreational mathematics

Research grants :

1. **Yong, B.** and Owen, L. (2017). "Hampiran Solusi Analitik pada Model Epidemik dengan Menggunakan Metode Analisis Homotopi". *Monodisiplin Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
2. **Yong, B.** and Chin, L. (2016). "Optimalisasi Pengurangan Kasus Dengue di Kota Bandung dengan Menggunakan Model Markowitz". *Monodisiplin Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)

3. **Yong, B.** and Owen, L. (2015). "Model Penyebaran Penyakit Menular MERS-CoV: Suatu Langkah Antisipasi untuk Calon Jamaah Haji/Umrah Indonesia". *Monodisiplin Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
4. Sugiarto, I., Sukmana, A., **Yong, B.**, Chendra, E., Kristiani, F., Permana, F.J., Chin, L., Owen, L., Anastasia, M., and Limansyah, T. (2014). "Komunitas Ibu Belajar Matematika (IBM): Mitra SDN Ciumbuleuit 1 dan 3". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
5. Permana, F.J., Sukmana, A., **Yong, B.**, Chendra, E., Kristiani, F., Sugiarto, I., Chin, L., Owen, L., Anastasia, M., and Limansyah, T. (2014). "Komunitas Ibu Belajar Matematika: Mitra SDN Bandung Baru 1, SDN Bandung Baru 2, SDN Ciumbuleuit 1, SDN Ciumbuleuit 3, dan SDN Ciumbuleuit 4". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
6. Owen, L., Sukmana, A., **Yong, B.**, Martin, I., Chin, L., and Limansyah, T. (2012). "Pengembangan Bahan Ajar untuk Pelatihan dan Pendampingan Program IBM Komunitas Ibu Belajar Matematika". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
7. **Yong, B.** and Chin, L. (2012). "Peluang Suatu Tim untuk Mencapai Peringkat Tertentu dalam Suatu Turnamen". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
8. **Yong, B.** and Chin, L. (2011). "Strategi Terbaik Suatu Tim untuk Mencapai Peringkat Tertentu dalam Suatu Turnamen". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
9. Atastina, I., **Yong, B.**, and Martin, I. (2007). "Mengukur Validitas dan Reliabilitas Kuesioner untuk Analisis Soft Skill yang Dibutuhkan Lulusan Matematika di Dunia Kerja". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
10. **Yong, B.** (2006). "Diktat Kuliah Statistika Elementer". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
11. **Yong, B.** and Chin, L. (2006). "Diktat Kuliah Matematika Keuangan Lanjut". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
12. **Yong, B.**, Chendra, E., and Chin, L. (2005). "Penentuan Harga Opsi Asia dengan Aproksimasi Distribusi Lognormal dan Gauss Invers, Persamaan Diferensial Parsial, dan Simulasi Monte Carlo". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)
13. **Yong, B.** (2004). "Modul Kuliah Praktikum Statistika Elementer". *Research Grant Scheme*, Technical report, Parahyangan Catholic University Indonesia. (*Completed*)

Community service grants :

1. Sukmana, A., **Yong, B.**, Martin, I., Chin, L., Owen, L., and Limansyah, T. (2012). "Komunitas Ibu Belajar Matematika". *Hibah IPTEKS bagi Masyarakat, Kontrak DP2M-DIKTI*, Kementerian Pendidikan dan Kebudayaan.

Awards :

1. **Yong, B.** (2008). "Convergence of Monte Carlo Simulation to the Black-Scholes Formula in Pricing Warrants". Hibah insentif artikel ilmiah pada jurnal intermasional, Kementerian Pendidikan dan Kebudayaan.

Book/Bulletin Publications :

1. Tim Penulis Sancaya. (2015). *SANCAYA: Percikan Gagasan Pendidikan Tinggi*. PT Kanisius, pp. 27-30.
2. **Yong, B.** (2013). Belajar Membawa Perubahan Sikap, *Buletin Sancaya*, 1(2), pp. 2-3.
3. **Yong, B.** (2011). *Matematika SMA kelas 10*. Intan Pariwara.
4. **Yong, B.** (2011). *Matematika SMA kelas 11 IPA*. Intan Pariwara.
5. **Yong, B.** (2011). *Matematika SMA kelas 11 IPS*. Intan Pariwara.
6. **Yong, B.** (2011). *Matematika SMA kelas 11 Bahasa*. Intan Pariwara.
7. **Yong, B.** (2011). *Matematika SMA kelas 12 IPA*. Intan Pariwara.
8. **Yong, B.** (2011). *Matematika SMA kelas 12 IPS*. Intan Pariwara.
9. **Yong, B.** (2011). *Matematika SMA kelas 12 Bahasa*. Intan Pariwara.
10. **Yong, B.**, Chin, L., and Limansyah, T. (2010). *Matematika SMP kelas 7*. Intan Pariwara.
11. **Yong, B.**, Chin, L., and Limansyah, T. (2010). *Matematika SMP kelas 8*. Intan Pariwara.
12. **Yong, B.**, Chin, L., and Limansyah, T. (2010). *Matematika SMP kelas 9*. Intan Pariwara.
13. **Yong, B.** (2009). *Strategi Menyelesaikan Soal-Soal Olimpiade Matematika: Ketaksamaan*. Pakar Raya.
14. **Yong, B.** (2009). *Strategi Menyelesaikan Soal-Soal Olimpiade Matematika: Aljabar dan Teori Bilangan*. Pakar Raya.

Journal Publications :

1. **Yong, B.** and Samat, N.A. (2017). The Dynamical Analysis of Two-Political Figures Fever Model. *Far East Journal of Mathematical Sciences*, 101(6), pp. 1353-1362, DOI: 10.17654/MS101061353, ISSN 0972-0871, Pushpa Publishing House, Allahabad, India.
2. **Yong, B.** and Samat, N.A. (2016). Analysis of Voters Mapping on 2014 Presidential Election in Indonesia Based on Standardized Incidence Ratio Method. *Journal of Engineering and Applied Sciences*, 11(12), pp. 2794-2799, DOI: 10.3923/jeasci.2016.2794.2799, ISSN 1816-949X (Online), Medwell Journals, Scientific Research Publishing Company.
3. **Yong, B.** (2016). Perbandingan Efek Dilusi pada Nilai Waran dengan Menggunakan Metode Black-Scholes, Dilusi Black-Scholes, dan Pengamatan Variabel. *Jurnal Silogisme: Kajian Ilmu Matematika dan Pembelajarannya*, 1(1), pp. 23-27, ISSN 2527-6182 (Online), Universitas Muhammadiyah Ponorogo.
4. Kristiani, F., **Yong, B.**, and Irawan, R. (2016). Relative Risk Estimation of Dengue Disease in Bandung, Indonesia, Using Poisson-gamma and BYM Models Considering The Severity Level. *Jurnal Teknologi*, 78(11), pp. 57-64, e-ISSN 2180-3722, Universiti Teknologi Malaysia.
5. **Yong, B.**, Stefanus, C., and Hari, V. (2016). Aplikasi Teori Bilangan dalam Permainan NIM. *Jurnal Matematika dan Pendidikan Matematika*, 1(2), pp. 87-98, e-ISSN 2502-9878, p-ISSN 2502-986X, Universitas Pesantren Tinggi Darul Ulum Jombang.
6. **Yong, B.** (2016). Matematika Rekreasi melalui Permainan Kartu. *Suska Journal of Mathematics Education*, 2(1), pp. 31-40, ISSN 2477-4758 (Print), ISSN 2540-9670 (Online), Universitas Islam Negeri Sultan Syarif Kasim Riau.
7. **Yong, B.**, Kristiani, F., and Irawan, R. (2016). Analisis Risiko Relatif Penyebaran Penyakit Demam Dengue di Kota Bandung Menggunakan Model Poisson: Studi Kasus Data RS Santo Borromeus. *CR Journal*, 2(1), pp. 39-54, ISSN 2460-4194, BP3IPTEK Bandung.
8. **Yong, B.** and Samat, N.A. (2015). Analysis of the Political Figure Fever Model With Media Using Epidemiological Approach: in case of Jokowi. *International Journal of Applied*

- Mathematics and Statistics*, 53(6), pp.98-107, ISSN 0973-1377 (Print), ISSN 0973-7545 (Online), CESER Publications.
9. **Yong, B.** and Samat, N.A. (2014). A SIR Transmission Model of Political Figure Fever. *Australian Journal of Basic and Applied Sciences*, 8(23), pp. 84-89, AENSI Publisher.
 10. **Yong, B.** (2012). Kajian Matematis dan Simulasi Numerik tentang Kekonvergenan Harga Opsi Call Tipe Eropa Model Binomial ke Model Black-Scholes. *Jurnal Matematika, Sains, dan Teknologi*, 13(1), pp. 1-10, ISSN 1411-1942 (Print), ISSN 2443-3586 (Online), LPPM Universitas Terbuka Tangerang.
 11. **Yong, B.**, Chin, L., and Lesmono, D. (2012). Kajian Matematis dan Simulasi Skenario tentang Banyaknya Kemenangan yang Dibutuhkan Suatu Tim untuk Mencapai Peringkat Tertentu dalam Suatu Turnamen. *Jurnal Ilmiah Mat-Stat*, 12(1), pp. 46-54, Direktorat Riset dan HKI Universitas Bina Nusantara Jakarta.
 12. **Yong, B.** and Jeffry. (2008). Aplikasi Opsi Riil dalam Permasalahan Model Keuangan Diagram Kontrol. *Jurnal Ilmu Komputer*, 6(3), pp. 199-211, ISSN 1412-9523, Fakultas Ilmu Komputer Universitas Pelita Harapan Tangerang.
 13. **Yong, B.** (2008). Hedging : Suatu Manajemen Resiko Opsi. *Bina Ekonomi*, 12(2), pp. 83-96, ISSN 0853-0610, Fakultas Ekonomi Universitas Katolik Parahyangan Bandung.
 14. **Yong, B.** (2007). Convergence of Monte Carlo Simulation to the Black-Scholes Formula in Pricing Warrants. *Journal of Quantitative Methods*, 3(2), pp.15-23, ISSN 1693-5098.
 15. **Yong, B.** (2007). Model Penyebaran HIV dalam Sistem Penjara. *Jurnal MIPA: Matematika, Ilmu Pengetahuan Alam, dan Pengajarannya*, 36(1), pp. 31-47, ISSN 0854-8269, FMIPA Universitas Negeri Malang.
 16. **Yong, B.** and Stefanus, Y. (2007). Perbandingan Metoda Monte Carlo Standar, Variabel Antitetis dan Kontrol Variat dalam Menentukan Harga Opsi Call Asia. *Jurnal SIGMA*, 10(1), pp. 71-76, ISSN 1410-5888, LPPM Universitas Sanata Dharma Yogyakarta.
 17. **Yong, B.** (2006). Penggunaan Distribusi Lognormal untuk Menentukan Harga Opsi Eropa dan Asia. *Jurnal Ilmiah Mat-Stat*, 6(1), pp. 55-64, ISSN 1412-1220, Subcenter Publikasi Ilmiah Bidang Matematika dan Ilmu Pengetahuan Alam Universitas Bina Nusantara Jakarta.
 18. **Yong, B.** (2005). Bukti Elementer untuk Dua Deret Berganti Tanda. *Majalah Ilmiah Integral*, 10(3), pp. 131-135, ISSN 1410-1335, FMIPA Universitas Katolik Parahyangan Bandung.
 19. **Yong, B.** (2003). Penaksir Maksimum Likelihood Bagi Model Probit dan Model Probit Bivariat. *Majalah Ilmiah Integral*, 8(1), pp. 11-18, ISSN 1410-1335, FMIPA Universitas Katolik Parahyangan Bandung.

Conference Publications :

1. **Yong, B.**, Owen, L., and Octora, E. (2017). The Stochastic SI Model in A Single Area: Comparison with The Deterministic SI Model and Real Data. *The 3rd IndoMS International Conference on Mathematics and Its Applications (IICMA 2015)*, pp. 13-23, ISBN: 978-602-50020-0-7, The Indonesian Mathematical Society.
2. **Yong, B.** and Chin, L. (2017). Optimization Model using Markowitz Model Approach for Reducing the Number of Dengue Cases in Bandung. *AIP Conference Proceedings*, 1848, 040012, doi: 10.1063/1.4983950, ISBN 978-0-7354-1520-1, AIP Publishing.
3. Irawan, R., **Yong, B.**, and Kristiani, F. (2017). Non-Spatial Analysis of Relative Risk of Dengue Disease in Bandung Using Poisson-gamma and Log-normal Models: A Case Study of Dengue Data from Santo Borromeus Hospital in 2013. *Journal of Physics: Conference Series*, 812(1), 012034, pp. 1-9, doi: 10.1088/1742-6596/812/1/012034, IOP Publishing.

4. Efelin, P., **Yong, B.**, and Owen, L. (2016). Model Penyebaran Penyakit SARS dengan Pengaruh Vaksinasi. *Prosiding Seminar Nasional Matematika*, 11, pp. 77-85, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
5. Kristiani, F., **Yong, B.**, and Irawan, R. (2016). BYM Model Application to Estimate the Relative Risks of Dengue Disease Considering the Level of the Severity: Bandung, Indonesia Case of Study. *Proceeding of the 6th Annual Basic Science International Conference*, 6, pp. 450-453, ISSN 2338-0128, Universitas Brawijaya.
6. **Yong, B.** and Owen, L. (2016). Dynamical Transmission Model of MERS-CoV in Two Areas. *AIP Conference Proceedings*, 1716, 020010, doi: 10.1063/1.4942993, ISBN 978-0-7354-1363-4, AIP Publishing.
7. **Yong, B.** and Samat, N.A. (2016). Effect of (Social) Media On The Political Figure Fever Model: Jokowi-Fever Model. *AIP Conference Proceedings*, 1707, 050021, doi: 10.1063/1.4940853, ISBN 978-0-7354-1354-2, AIP Publishing.
8. Irawan, R., **Yong, B.**, and Kristiani, F. (2015). Penentuan Risiko Relatif untuk Penyebaran Penyakit Demam Dengue di Kota Bandung pada Tahun 2013 dengan Menggunakan Model SMR. *Prosiding Seminar Nasional Matematika*, 10, pp. 108-115, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
9. Georli, M.A., Owen, L., and **Yong, B.** (2015). Bifurkasi Saddle-Node pada Model SIR dengan Laju Insidensi yang Tak Linear dan Adanya Perawatan. *Prosiding Seminar Nasional Matematika*, 10, pp. 64-74, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
10. Chin, L. and **Yong, B.** (2015). Peluang Suatu Tim untuk Mencapai Peringkat Tertentu dalam Suatu Turnamen: Studi Kasus Sepakbola Liga Inggris Musim Kompetisi 2011/2012. *Prosiding Seminar Nasional Matematika*, 10, pp. 45-54, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
11. **Yong, B.** and Owen, L. (2015). Kontrol Parameter pada Model Penyebaran Penyakit Menular MERS-CoV: Antisipasi Terhadap Jamaah Umrah/Haji asal Indonesia. *Prosiding Konferensi Nasional Matematika, Sains, dan Aplikasinya (KnMSA)*, pp. 295-302, ISBN 978-979-99168-1-5, Universitas Islam Bandung.
12. Octora, E., **Yong, B.**, and Owen, L. (2014). Analisis Model S-I untuk Satu dan Dua Wilayah, *Prosiding Seminar Nasional Matematika*, 9, pp. 100-110, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
13. Rachmiawati, M., **Yong, B.**, and Martin, I. (2013). Kajian Peluang untuk Bilangan Reproduksi Dasar pada Model SIR. *Prosiding Seminar Nasional Matematika*, 8, pp. 102-110, ISSN 1907-3909, Program Studi Matematika Universitas Katolik Parahyangan.
14. Sukmana, A., **Yong, B.**, Martin, I., Chin, L., Owen, L., and Limansyah, T. (2012). Komunitas Ibu Belajar Matematika. *Prosiding Seminar Nasional Matematika dan Terapan 2012*, 3, pp. 21-26, ISBN 978-602-17004-4-0, Himpunan Matematika Indonesia Wilayah Aceh-Sumatera Utara.
15. **Yong, B.** (2006). Analisis Periode Waktu Jatuh Tempo pada Nilai Waran. *Prosiding Konferensi Nasional Matematika XIII*, ISBN 979-704-457-2, Universitas Negeri Semarang.
16. **Yong, B.** (2005). Hedging Portfolio pada Opsi Call Eropa dan Opsi Call Asia. *Prosiding Seminar Nasional Statistika VII*, pp. 186-192, ISBN 979-96700-2-0, Institut Teknologi Sepuluh Nopember.
17. **Yong, B.**, Syamsuddin, M., and Budhi, W.S. (2005). Aplikasi Distribusi Gauss Invers untuk Mengkonstruksi Hedging Portfolio pada Asian Call Option. *Prosiding Seminar Nasional Matematika*, pp. 134-138, ISSN 1907-2562, Universitas Indonesia.

Oral presentations :

1. International Joint Conference Science and Technology (27-28 September 2017)
Contributed paper: *The SIR Political Figure Voters Model for Estimating Number of Voters in Indonesian Presidential Elections*
2. Seminar Nasional Matematika 2017, UNPAR, Bandung (23 September 2017)
Keynote speaker: *Dinamika Penyebaran Pemilih dengan Pengaruh Media Sosial pada Pemilu di Indonesia*
3. International Conference on Applied Sciences Mathematics and Informatics (ICASMI), UNILA, Lampung (13-15 July 2017)
Contributed paper: *A Comparative Analysis of Fourth Order Runge-Kutta and Homotopy Analysis Methods to Solve Three Basic Epidemic Models*
4. Konferensi Nasional Matematika XVIII, UR, Pekanbaru (2-4 November 2016)
Contributed paper: *Pendekatan Model Markowitz dalam Menentukan Besarnya Alokasi Dana untuk Mengurangi Jumlah Kasus Dengue di Kota Bandung*
5. Mathematics, Science, and Computer Science Education International Seminar (MSCEIS), UPI, Bandung (15 October 2016)
Contributed paper: *Optimization Model using Markowitz Model Approach for Reducing the Number of Dengue Cases in Bandung*
6. Seminar Nasional MIPA 2016, UNDIKSHA, Bali (30 Juli 2016)
Contributed paper: *Model Optimasi untuk Mengontrol Banyaknya Kasus Dengue (Data Penyakit Demam Dengue di Kota Bandung)*
7. Asian Mathematical Conference (AMC), Bali (25-29 July 2016)
Contributed paper: *Relative Risk Estimation of Dengue Disease in Bandung, Indonesia Using Poisson-gamma and BYM Models Considering The Level of The Severity*
8. International Conference on Mathematics: Pure, Applied, and Computation (ICoMPAC), ITS, Surabaya (3 December 2015)
Contributed paper: *A Mathematical Model for The Spread of Two-Political Figures Fever*
9. International Symposium on Science and Mathematics (ISySM), MALTESAS-UTM, Bandung (24-26 November 2015)
Contributed paper: *Analysis of Voters Mapping on 2014 Presidential Election in Indonesia Based on Standardized Incidence Ratio Method*
10. 7th South East Asian Mathematical Society (SEAMS), UGM, Yogyakarta (18-21 Agustus 2015)
Contributed paper: *Effect of (Social) Media on The Political Figure Fever Model: Jokowi Fever Model*
11. International Conference on Arts, Management, Science, and Social Science (ICAMSSc), IPN Network, Bandung (5-6 Desember 2014)
Contributed paper: *A SIR Transmission Model of Political Figure Fever*
12. International Conference on Statistics and Mathematics (ICSM), ITS, Surabaya (27-28 Nopember 2014)
Contributed paper: *Analysis of the political figure fever model with media using epidemiological approach: in case of Jokowi*
13. International Postgraduate Conference on Science and Mathematics (IPCSM), UPSI, Tanjong Malim, Perak, Malaysia (18-19 Oktober 2014)
Contributed paper: *A Mathematical Model of Political Figure Fever: Jokowi Effect*
14. Konferensi Nasional Matematika XVII, ITS, Surabaya (11-14 Juni 2014)

- Contributed paper: *Peluang Suatu Tim untuk Mencapai Peringkat Tertentu dalam Suatu Turnamen*
15. Konferensi Nasional Pendidikan Matematika V, UM, Malang (27-29 Juni 2013)
Contributed paper: *Matematika Rekreasi Melalui Permainan Kartu*
 16. Konferensi Nasional Matematika XIV, UNSRI, Palembang (24-27 Juli 2008)
Contributed paper: *Efek Dilusi pada Nilai Waran*
 17. Konferensi Nasional Matematika XIII, UNNES, Semarang (24-27 Juli 2006)
Contributed paper: *Analisis Periode Waktu Jatuh Tempo pada Nilai Waran*
 18. Seminar Nasional Statistika VII, ITS, Surabaya (26 November 2005)
Contributed paper: *Hedging Portfolio pada Opsi Call Eropa dan Opsi Call Asia*
 19. Seminar Nasional Matematika, UI, Depok (30 Juli 2005)
Contributed paper: *Aplikasi Distribusi Gauss Invers untuk Mengkonstruksi Hedging Portfolio pada Asian Call Option*

Participation in scientific events :

1. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (23 September 2017)
2. Participant, Diskusi dan Sharing Pembelajaran yang Inspiratif dan Inovatif #10, Bandung (28 September 2016)
3. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (24 September 2016)
4. Guest Lecture, Statistics using Bayesian Approach, UNPAR, Bandung (13 February 2016)
5. Participant, Pelatihan fitur IDE, UNPAR, Bandung (11 Desember 2015)
6. Participant, The 3rd Symposium on BioMathematics (SYMOMATH 2015) , ITB, Bandung (4-6 November 2015)
7. Participant, Pelatihan dasar IDE, UNPAR, Bandung (9 Oktober 2015)
8. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (19 September 2015)
9. Participant, Worskhop on Bayesian Modeling, ITS, Surabaya (24-26 Nopember 2014)
10. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (20 September 2014)
11. Participant, Workshop Pengayaan Materi Pembelajaran Pendidikan Jarak Jauh (PJJ), UNPAR, Bandung (16-17 Oktober 2013)
12. Participant, Seminar Pendidikan Jarak Jauh, UNPAR, Bandung (16 Oktober 2013)
13. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (5 Oktober 2013)
14. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (6 Oktober 2012)
15. Participant, Seminar Nasional Statistika ke-7, IPB, Bogor (8-9 Oktober 2011)
16. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (1 Oktober 2011)
17. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (2 Oktober 2010)
18. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (5 September 2009)
19. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (6 September 2008)

20. Committee Member & Reviewer, Seminar Nasional Matematika, UNPAR, Bandung (1 September 2007)
21. Chairperson, Seminar Nasional Matematika, UNPAR, Bandung (1 September 2007)
22. Participant, Short Course on Financial Mathematics, UNPAR, Bandung (30-31 Juli 2007)
23. Committee Member, Seminar Nasional Matematika, UNPAR, Bandung (9 September 2006)
24. Participant, Pelatihan Structural Equation Modeling, ITS, Surabaya (17-18 Juni 2006)
25. Participant, Seminar dan Demo e-learning, UNPAR, Bandung (3 Juni 2006)
26. Participant, Mathematical Analysis and Geometry Day: Problem Solving (MaG-D), ITB, Bandung (25 Maret 2006)
27. Participant, Seminar Matematika Optimal Early Exercise in Politics, UNPAR, Bandung (24 Februari 2006)
28. Participant, Lokakarya Pembelajaran, USD, Yogyakarta (21-22 Desember 2005)
29. Participant, Seminar Matematika Keuangan dan Asuransi, UNPAR, Bandung (16 Desember 2005)
30. Participant, Talkshow Bedah Teknologi Perbankan, Bandung (7 September 2005)
31. Participant, Seminar Nasional Matematika, UPI, Bandung (20 Agustus 2005)
32. Committee Member, Seminar Nasional Matematika, UNPAR, Bandung (4 Juni 2005)
33. Participant, Pelatihan Latex Lanjutan, UNPAR, Bandung (27 Mei 2004)
34. Participant, Pelatihan Latex Dasar, UNPAR, Bandung (23 April 2004)

Contributions to Society :

1. Reviewer, British Journal of Mathematics and Computer Science, (2017)
2. Team Member, Ibu belajar Matematika, Organized by Department of Mathematics, UNPAR (2012-2017)
3. Judge, Kompetisi Matematika, Organized by Himpunan Matematika, UNPAR (2002-2017)
4. Mathematics Olympiad Trainer (2002-now)

Courses taught:

Calculus, Mathematical Problem Solving, Elementary Statistics, Probability Theory, Statistical Computation, Mathematical Statistics, Numerical Methods, Mathematical Modelling, Financial Econometrics, Mathematical Biology, Number Theory, Multivariable Calculus, Financial Computation, Financial Mathematics, Modelling Project, Engineering Mathematics, Business Statistics, Statistics for Economics, Mathematics for Economics.